## SPOKE UPON INFECTION.

Dr. John Amyot Before the Hamilton Association.

Fine Address on Bacteria and Their Functions.

The Useful Kind and Those

Which Spread Disease. An earnest and enthusiastic aud ience was present at the regular monthly meeting of the Hamilton Scientific Asso ciation held in its museum room last evening, with the President, Lyman Lee, in the chair. After the regular busines Mr. Lee spoke to a number of medical were present. He welcomed them to the meeting and hoped that they would connect themselves with the asso would connect themselves with the association. He then introduced the special speaker of the evening, Dr. John Amyot, who gave an excellent address on 'Infection and its Avenues." Dr. Amyot is Provincial bacteriologist and well able to speak on such a subject. He stated that all diseases were not infective, but that many of them receive their infection from others. Bacteria were usually put down as the chief offending agents, and while bacteria in some cases were the cause of disease, yet we could not live without them. They perform many great functions apartirom carrying infection. The bacteria organism was the smallest in the vegetable kingdom. It was estimated that one drop of water would hold about seventeen million minute bacteria. Some of them are so small that they can scarcely be seen with the aid of a fine microscope. They are divided into three distinct classes—bacilli, or rod-shaped; micrococci, or round; and spirilla, or corkscrew shape. Each bacteria was a separate individual by itself and could multiply very rapidly. Each one was constructed in the centre and within the course of thirty minutes divided into two separate bacteria. It was estimat. ciation. He then introduced the special course of thirty minutes divided into two separate bacteria. It was estimat-ed that in 72 hours, if all the surround-ing conditions were favorable, which was ed that in 72 hours, if all the surrounding conditions were favorable, which was impossible, there would be 25 tons of becteria, and at the end of five days the oceans would be filled. Some of these bacteria remain in the vegetable stage and never change. A second class was called the spore class, or in the resistent stage. There were very few of this class, and it was this type that caused and spread disease. This organism lived very much like animals, and must have food already prepared for them. They partake of the material of plants and animals, dead or alive, although, fortunately, there were very few that fed upon living things. The dead bodies were decomposed by bacteria, and during the stage of decomposition gases were given off which provided the food for the plants. This was one of the chief functions of bacteria. Of all the numerous varieties there were forty-five which were poisonous and would produce death. The germs were often secreted in healthy people, and causes have been known where they have been carried for a great number of years, and, although not affected with any disease themselves, they transmitted it to others with whom they came in contact. Dr. Amyot stated that therewere a number of ways whereby the bacteria could get in the body. The normal skin was proof against them, but if the least break occurred in the surface of the skin it would admit a large number

accumulated in the glands, thus causing an eruption of the skin, it opened other channels whereby the bacteria may enter the body. A great quantity was carried into the intestines by being swallowed with the food that was being taken into the body. The covering of mucous on the membrane was so effective that it prevented the bacteria from going any further. The last way whereby bacteria could enter the body was through the little stinging insects. These little insects came in contact with the diseased people and transmitted the germs to every person they alighted on.

In conclusion the speaker gave a short account of a few of the prevalent diseases, and of the yellow fever which caused such a death rate at the Panama Canal some years ago.

The audience showed their appreciation by the liberal applauding at the end of Dr. Amyot's lecture, and a hearty vote of thanks was tendered to him.

The next meeting of the Association will be held on Friday evening, Nov. 5. Professor A. H. Young, of Toronto, will give a very interesting lecture on 'Michael and Canal Canal Canal String Chapel.'

## **CATTLE POISONING.**

## Father of Complainant Committed on That Charge.

Belleville, Oct. 15 .- Inspector Reburn, of Toronto, was in Brighton lately working on a cattle-poisoning lately working on a cattle-poisoning case, as a result of which Lewis Leland, a farmer, 74 years old, was committed for trial on a charge of poisoning a cow and horse belonging to his son, John W. Leland. It seems that apples had been plugged with paris green and strewn on the ground in the pasture where John Leland's stock fed. A cow died and a horse was taken very sick, but recovered. John Leland told Inspector Reburn that he suspected his father, and the officer investigated, making out a strong case against the old man, who was on Thursday committed for trial. was on Thursday committed for trial.

NURSING MOTHERS

show the beneficial effects of

# Scott's Emulsion

in a very short time. It not only builds her up, but enriches the mother's milk and properly nourishes the child.

Nearly all mothers who nurse their children should take this splendid food-tonic. not only to keep up their own strength but to properly nourish their children.

FOR SALE BY ALL DRUGGISTS

d 10c., name of paper and this ad. for our stiful Savings Bank and Child's Sketch-Book, h bank contains a Good Luck Penny. SCOTT & BOWNE

## CHURCHES TO-MORROW.

Special Services and Special Music.

In Gospel Tabernacle Pastor Philpott ill preach morning and evening.

Mr. Sedgewick will preach at both services in Central Presbyterian Church. Rev. J. A. Wilson, B. A., the pastor will preach both morning and eveni in St. Andrew's Presbyterian Church. Rev. Mr. Smith's topic at Unity Church, Main street, near Walnut, to-morrow evening will be "Evolution and Faith."

At First Congregational Church Rev. E. H. Tippett will preach to-morrow evening on the topic, "A Celebrated Emigrant."

Emigrant."

The 18th Regiment, under command of Lieut.-Col. Moore, will attend divine worship at the Chariton Avenue Methodist Church to-morrow morning at 11.

In Erskine Church Rev. S. B. Russell will preach in the evening on "Divine Forgiveness." and Rev. J. Roy Van Wyck in the morning. Strangers welcome.

The regular morning and evening services will be held in Trinty English Lutheran Church, Conservatory of Music, to-morrow. Anthems by the choir. All seats free. All welcome.

At Central Methodist Church Rev. Isaac Couch, M. A., B. D., will preach on "The Perfect Life." In the evening Rev. I. Tovell will preach. Attractive singing. Visitors welcome.

In Ryerson Church a meeting for men only will be held at 10 a. m. The pas-tor, Rev. C. S. Applegath, will preach at both services. Morning subject. "Mys-teries;" evening subject, "The Sower."

In MacNab Street Presbyterian Church Rev. Beverley Ketchen will preach at both services. Morning subject, "Social Opportunity and Duty"; evening subject, "Much to Glory n."

At St. Giles' the pastor, Rev. J. B. Paulin will preach at both services. In the morning Miss Robertson will sing, and in the evening Miss Ethel Lawry will be the soloist. Orchestra at all services.

Rev. J. V. Smith, D. D., will occupy the pulpit of Centenary Church to-mor-row, his morning subject being "The Reign of the Dead," and the evening "The Preacher's Message." Appropriate musical services by the choir.

At James Street Baptist Church to-At James Street Baptist Church to-morrow Rev. Elmore Harris, D. D., will preach at 11 a. m. and 7 p. m. Morning quartette, "Incline Thine Ear"; anthem, "Though Dark the Night." Evening, solo, "Like as the Hart"; anthem, "As On That Night."

Canon Almon Abbott, M. A., will preach morning and evening at Christ's Church Cathedral to-morrow. A mass meeting of the Sunday school scholars, teachers and friends will be held in the cathedral at 3.10 p. m. Addresses will be given by prominent churchmen.

At Simcoe Street Church the pastor will conduct both services. In the evening he will begin a series of talks of special interest to young men, illustrated from the thrilling life story of Will. Crooks, M. P., the great English Labor leader. No. 1, "His Home Life and Early Years."

Sunday will be a day of intercession for Sunday schools throughout Canada in the Anglican churches. At St. George's Church morning and evening services will be devoted to this purservices will be devoted to this pur-pose, and a special service will be held at 3.15, to which all parents and friends of the scholars are invited. least break occurred in the surface of the skin it would admit a large number of them, which would travel to all parts of the body. If a collection of material accumulated in the glands, thus causing an eruption of the skin, it opened other

Rev. H. D. Cameron, B. A., will preach in Knox Church to morrow at 11 a.m., and at 7 p. m. Rev. S. B. Rohold, of Toronto, will occupy the pulpit. The soloist of the evening service will be Miss Edith M. Taylor. In Knox Mission Mr. Russell McGilvary will preach in the morning, and Rev. H. D. Cameron in the evening.

At First Methodist Church the pastor, At First Methodist Church the pastor, Rev. E. B. Lanceley, will preach at both services. His subject at the morning service will be "My Field, the World, or the Garden, Which?" and in the evening he will speak on "A Dearly Contested Victory." Appropriate musical services will be rendered by the choir, under Wilfrid V. Oaten.

In Victoria Avenue Baptist Church the pastor will on Sunday morning de-liver an illustrated address to the Sunan illustrated address to the Sunday school scholars. During the service certificates of honor will be distributed to those who passed the recent written examination on the Sunday school lessons. At the evening service the subject of the sermon will be "An Unfailing Detective" Unfailing Detective.

To morrow the Westminster Presby-terian Church celebrates its sixth anni-versary. Rev. S. B. Russell, of Erskine Presbyterian Church, will preach at 11 a. m. and Rev. D. R. Drummond, of St. Paul's, at 7 n. m. Seasial morris at 12 a. Paul's, at 7 p. m. Special music at both services, anthems and solos. On Monday evening at 8 o'clock Rev. Dr. Cleaver will give his celebrated lecture, Victor Hugo's masterpiece, the story of Jean Valjean. The lecture is thrilling and entertaining. Everybody should hear Dr. Cleaver. Tickets are 25 cents.

## ENTERTAINED AT ZION.

League and Excelsior Club of Zion Tabrnacle entertained the Normal students o the number of about one hundred and

fifty, to a social evening.

Dr. J. E. Davey presided, and after a brief address of welcome by Rev. A. H. Going, a splendld programme was dis-

Going, a splendid programme was disposed of, during which an informal time was spent in social intercourse.

After the programme, refreshments were served, and, judging from the expressions of pleasure, the teachers-intraining enjoyed themselves thoroughly. The features of the evening were a male quartette by Messrs. Shaver, Williams, Coome and Anderson, and a drawing match, by the students.

Next Monday evening this progressive league will hold a temperance elocution contest at which a silver medal will be competed for. Special talent has been secured, and an evening of more than ordinary interest is promised. A large number should avail themselves of this opportunity to aid the cause of temperance.

## Organs and Practice Pianos.

Now is your chance to get one cheap. Organs at \$5, \$10, \$15 and \$25. Practice pianos (guaranteed five years) for \$40, \$50 and \$75, at Heintzman & Co., oppo-site the postoffice, 71 King street east.

Fear and Poverty. There are lots of men who are so afraid of being thought poor they keep themselves so.—Dallas News.

INDERWEAR

Soft, veivety and healthy It is the special method of knitting to the form and

the secret shrinking process that makes "Ceetee" Underclothing so comfortable. Only the finest Australian Merino Wool is used, which makes for absolute perfection in Underwear.



AP sines for men, common and children. Insist on your accler chowing you "Cettee"
THE C. TURBULL CO. OF CALT. Limited, GALT. ONT. Memeractures — Estab. 1859

# Oct. 18, 1909 SHEA'S MAY MANTON Patterns, All 10c

MAY MANTON

# Women's Suits at \$15

About 20 of them, in a good variety of dark and light colors, long silk lined coats, finished with the fashionable jet buttons, beautifully hung skirts, suits that at \$22.50 would be talked of as a bargain in other stores, Shea's special price, to clear, each Shea's special price, to clear, each ... ...

## Women's Skirts \$2.95

Black and colored pleated and nicely trimmed with silk strapping and buttons, regular \$4 value, on sale for ...........\$2.95

## Skirts at \$3.49

French Panamas, in brown, navy, green, blue, pleated and trimmed with buttons, made in the very latest styles, regular \$5 value, Shea's special price, each

## 3 Special Values in Mantles \$6.75 \$8.95 \$10.95

Made in the very newest styles well lined, trimmed with buttons and braiding, beavers, cheviots and kerseys, black and colors. We have not been able to show you such values for a long time, \$6.75, \$8.95 and \$10.95

## Women's Trimmed Hats at \$5.00

Women's Dress Hats at \$6.50

## Very richly trimmed with very best materials on imported shapes in most becoming styles. All the new colors. A Shea special at each

Women's Underwear, worth \$1.25, for \$1.00

# Women's Natural Wool Unshrinkable Vests and Drawers, Penman's No. 95, that always sells for \$1.25 and worth it too; on sale at the Shea store for per garment \$1.00

Women's Knit Underwear at 25c

Knit Underwear 50c

## 

Dressing Sacks 75c and \$1.25 

## Underskirts at 99c, \$1.25, \$1.49, \$1.95

## **THANKSGIVING** C.4MPAIGN.

Great Work For the Y. M. C. A. and Y. W. C. A.

Hamilton's True Citizens Are

Sure of Full Success.

The energetic citizens who on Thanksgrving Day. At that the there will be a banquet in the standard by the workers. This will be made any a casaison of very great enthusians reasons did not participate. This will be made any and inting inauguration for a whirlwind campaign. During the five days following, the public will be invited to make subscriptions. Thus, throughout Thanksgiving week a pleasant opportunity will be given all the peope to engage in a very practical form of thanksgiving week a pleasant of the work is as follows: representation is a foregone conclusion. The the effort will be successful is a foregone conclusion. The the fort will be successful is a foregone conclusion. The the fort will be successful is a foregone conclusion. The the offort will be successful is a foregone conclusion. The the offort will be successful is a foregone conclusion. The the offort will be successful is a foregone conclusion. The the offort will be successful is a foregone conclusion. The the offort will be successful is a foregone conclusion. The the offort will be successful is a foregone conclusion. The the offort will be successful is a foregone conclusion. The the offort will be successful is a foregone conclusion. The thing the form of t panded together to complete the great work of the Y. W. C. A. and Y. M.

both nanksgiving week a pleasant opportunity will be given all the people to engage in a very practical form of thanksgiving by helping along this good work.

That the effort will be successful is a foregone conclusion. The men behind it have the best of reasons for being assured of complete success. In the past the response has always been very generous. The public thoroughly believe in the Y. W. C. A. and the Y. M. C. A. They know that money put "into these organizations is a good investment.

The Y. W. C. A. needs \$15,000; the Y. M. C. A. 10,000. These sums are required in order fully to complete the new buildings now under way and to equip them properly. The proposed Thanksgiving campaign is

primarily for the Y. W. C. A. That association, about four years ago, started to raise money for a new building. Many subscriptions have been received from time to time, but

Give your stomach "a square deal" by

The food that is full of nutriment and easily digested. Heat in oven and serve with milk or cream, salt to taste.

STANLEY MILLS & CO., LIMITED Saturday, Oct. 16, 1909

# MONDAY THE DAY FOR

DRESS GOODS AND TRIMMINGS We want you to glance over the offerings made in our Dress Goods Department for Monday. Special prices are in order, and there is going to be a big clearing in this already busy department. Mind you, these are new, fresh goods, decidedly so; now turn your attention to these items.

Tweed Suiting \$1.50 yd.

suits or separate skirts, for Monday,

## Tweed Suiting \$1.25 yd.

separate skirts, per yard ... . \$1.25

Black Voiles \$1.25 yd.

## Cheviot \$1.25 yd

Worsted Suitings 89c yd.

Chiffon Cloth 75c yd.

Chiffon Satin Cloth, 42 inches wide, yard

Chiffon Satin Cloth, 42 inches wide, yard

Chiffon Satin Cloth, 42 inches wide, yard

1.25

## We Can Supply the Many Needs of the

Dressmaker, at our Notion Department; nothing has been forgotten, and many new conceits for trimming may interest you Machine Belts, about 60 inches

long, with wire to join, regular 10c; on Monday for . . . . . . 7c each Hooks and Eyes . . Belding's or Corticelli Silks, **5c** spool, or .... **50** White Tape 10c, dozen in bunches

. . 5c card Tape Lines, 60 inches, 5 and 10c each.

Hooks and Eyes, common black, 2e card, 3 cards for Hooks and Eyes, white or brass, 3c card, or 2 cards for . . . . . 5c Coat's Sewing Cotton. 5c spool, Bias Seam Binding ..... 15e Rolling Tape Lines ... 15c Skirt Hemmers ... \$2.50

## DRESS TRIMMINGS

A Multitude of New Dress Trimmings are to be seen at the Ribbon Dept.

STANLEY MILLS & CO., LIMITED

## FOR HONORS IN ORATORY.

Public Contest Under Auspices of Temperance Federation

And All the Speakers Will Have Temperance Subjects.

Speakers at the Summer School Will be Judges.

The Hamilton Summer School of Oratory, successfully arganized last June by the local Canadian Club, has the distinction of being the first school of the kind established in Canada. This pioneer work of encouraging young men, members of the various debating clubs members of the various debating clubs in the city, to engage in the study of the art of public speaking is most commendable and worthy of support. A splendid course of instructive lectures just completed have been delivered during the summer months by a capable staff of masters. The new school will fittingly close its first term by holding a free contorical contest in Association. been received from time to time, but the full amount needed has not been secured as yet. Some months ago, however, building operations were begun, and fifteen thousand dollars must be added to the sum in hand. For itself, the Y. M. C. A. must have ten thousand dollars in addition to the \$55,000 pedged in June last, for the new boys' building. When the plans were completed it was found that the first estimate was too low, for rather, it was discovered that at of the Canadian Club movement, will be hat the first estimate was too low. temperance. C. R. McCullough, father of the Canadian Club movement, will be slightly larger cost a very much more creditable building could be put up, and in the interests of real economy it was judged to be wiser to build for the future and have a boys' department which should fulfill all requirements for ten years at least.

Lloyd M. Houlding, "An Appeal for the Home."
Frank A. Parlington, "Prohibition."
Walter W. Lee, "Compensation."
John M. Peebles, "License Reduction."
Amos Vipond, "Why and How We Should Suppress the Liquor Traffic."
Robert J. Menary, "Time for Action."

Robert J. Menary, "Time for Action."
The musical programme will consist of a short piano recital commencing with a short piano recita, commencing with the opening of the doors sharp at 7.30 oclock.

## RYERSON JUNIOR LEAGUE.

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The second meeting of the Ryerson Church Junior Epworth League was held yesterday at 4.30. The superintendent, Miss H. E. Plewman, took charge of the meeting, after which officers were elected as follows: President, Mr. Frank Henderson; First Vice-President, Miss Bethel Stevenson; Second Vice-President, Miss Bazel Cope; Fourth Vice-President, Miss Mazel Cope; Fourth Vice-President, Miss Mabel Freeburne; President of Athletic Committee Mr. Bruce Awrey; Secretary, Miss Mary Austin; Treasurer. Miss Dorothy Lewington; Pianist, Miss Grace Gage.

## INTERNATIONAL LODGE.

INTERNATIONAL LODGE.

There was a large attendance at the meeting of International Lodge, I. O. G. T., held in the C. O. O. F. Hall last evening. One candidate was initiated, and two propositions for membership were received. The following programme was presented: Piano solo, "Forget Me Not," Miss Lily Boniface; solo, "Once Again in Dear Old Scotland," Miss Mary Morison: recitation, "Love Lane," Miss M. Watkinson; "solo, "Ever Lane," Miss J. Pennington gave a very enjoy-

# **Scotch Blankets** --Only to be Had Here-

Every day people tell us we have the finest Blankets in the city. Nothing unusual about it, only we are proud of that fact. No wonder, we have built up our trade on Blankets which we know are the best the world produces—Scotch pure all wool Blankets, exclusive to this store, made from fine lofty white all wool yarns in the large and double-bed sizes in all weights. One decided advantage, they are made and finished singly with pale blue borders. Monday we make a special display of these Blankets and we want you to see them. Still there are the prices which this season are less than ever before for such qualities. On sale at \$4.19, \$4.98, \$5.98, \$7.00, \$7.50, \$8.00 and \$9.00.

## Beautiful Down Comforters at \$5.50, \$6.00, \$7.50 to \$14.00

For beautiful, light, warm bed sovering there is nothing to equal a Down Comforter. This season's display is the finest yet, such beautiful designs and colorings, with border effects. Made in England from the finest down, braided, stitched and perforated, in medium and large sizes. Sateen and satin coverings. See our range at \$5.50, \$6.00, \$7.50 way up to \$14.00.

## Stock of Flannelettes and Flannels

We have built up a reputation for quality for our stocks of Flannelettes and Flannels which people have begun to recognize the best

Full stocks meet you on every hand in these English Flannelettes in variety of stripes in all colors, also plain colors and white, in standard qualities. Prices range at 10, 12½, 15 to 25c. All wool plain natural, grey, navy and scarlet Flannels in plain and twill makes. Scotch and Canadian makes, in 27 to 33 inch widths. Prices 25, 35. 40 to 55c.

Fancy Stripe Shirting Flannels in large variety of light and dark stripe atterns. Prices 25, 35, 50 and 65c.

## Attractive Neckwear for Women

Our Neckwear Department for women is conspicuous just now for many new ideas from Paris and New York novelties, made up of fine linen, batiste and real lace stocksand jabots. Guipure Lace Stocks, Yokes, Maline Sows, Coat Sets, Crepe de Chine and Spanish Lace Scarfs. Spend a moment or two here on Monday and see these new styles. Prices range at 25c, 50c, 75c, \$1.00 to \$12.00.

# FINCH BROS., 29 and 31 King Street West ...

of Thee," Mrs. C. A. Hardy; recitation,
"How Jane Conquest Rang the Bell."
F. S. Morison; solo, "Loss of the Birkenhead," Miss Nellie Morgan.
Next Friday evening the lodge will
hold an entertainment, at which the
farce of "A Kiss in the Dark" will be
produced.

## THE LYCEUM.

Collegiate Institute Literary Society Organized For Year.

The first meeting of the Lyceum Literary Society of the Hamilton Collegiate Institute was held last evening in the assembly hall. The newly elected officers for the fall term were introduced to the students, each having a few remarks to make on the work that they expected to accomplish. The officers are as follows:

are as follows:

Honorary President-Dr. R. A. Thomppn.
President—Mr. H. Mitchell.
First Vice-President—Mr. D. Mitchell.
Second Vice-President—Mr. W. B. Col-

Third Vice-President-Mr. W. Howard. Secretary—Mr. F. L. Henderson, Treasurer—Mr. A. Morton. committee—Misses B. Rouse M. Bews, J. Land, M. Havill,

able violin solo, and responded to a Owing to an important business gagement Mr. Turner was unable give his much anticipated address. M Johnson gave a recitation, and receiv-G. Johnson gave a recover. Miss M. ed an enthusiastic encore. Miss M. Havill played a delightful piano solo, which was also immensely enjoyed.

The meeting was closed by the singing of the national anthem, accompanied by Miss H. Stevenson, and, on the whole,

the first meeting predicted a happy and successful year.

(London Free Press.)

The Liberal press will not be living up to its record if it fails to engage in a brave shout at the vindication of Sir Frederick Borden's character. HINT TO ALFONSO.

(Toronto Star.) It looks to us like a good time for the King of Spain to slip away with his family and put in a long visit with his wife's folks.

HE OBJECTS. (London Advertiser.) Lord Monkhouse is one of many Englishmen who refuse to subscribe to the theory advanced by the National Service League that the way to make a man serve his country is to make him drill, whether he likes it or not.

## PLAY FAIR.

(Brantford Expositor.) There may be no truth in the charge that the world's championship baseball games are being manipulated for the gate receipts, but had this been so the whole thing could not have been better managed.

Unconventional people can be tiresome as the conventional brand.